



Miami DERM Compliance Guide

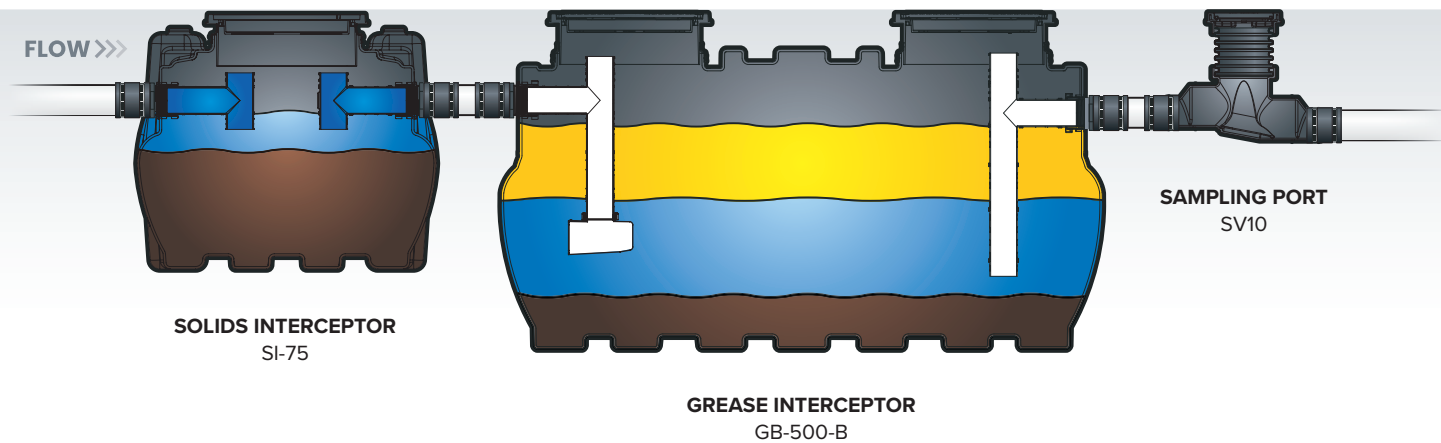
Schier offers a full range of HDPE Great Basin™ grease interceptors, Billy Goat™ solids interceptors and Sewer Viewer™ sampling ports that meet Miami DERM requirements, each one packed with features for the quickest and most professional installation.



SCHIER

Miami DERM Requirements

Schier's complete line of 99%-compliant hydromechanical grease interceptor systems (HGI) satisfies Miami DERM's newest grease interceptor requirements. Outlined in the *FOG 2.5 Control Device Guidance Manual*, these systems must include:



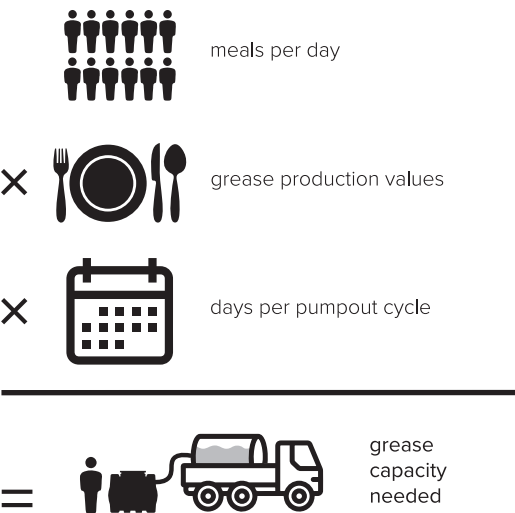
System Sizing

DERM's two-step sizing method considers both **flow rate** and **grease production** to design the appropriate third-party certified system. For ease of specification per DERM requirements, Schier offers full-service sizing software through the **Grease Monkey™** grease interceptor sizing service. Selection of the appropriate solids interceptor and sample well is at the discretion of the design professional since FOG 2.5 does not outline particular specifications for either of these components.

Sizing by Flow Rate

Nominal Pipe Size	Minimum Flow Rate per Ch.24-42.6	Maximum Flow Rate per Manning's formula
2"	20 GPM	20 GPM
3"	23 GPM	46 GPM
4"	50 GPM	100 GPM
6"	147 GPM	300 GPM

Grease Production Sizing



Restaurant Type	Grease Production Values	
Low Grease Producer	0.005 lbs / meal	no flatware
	0.0065 lbs / meal	with flatware
Medium Grease Producer	0.025 lbs / meal	no flatware
	0.0325 lbs / meal	with flatware
High Grease Producer	0.035 lbs / meal	no flatware
	0.0455 lbs / meal	with flatware

Miami DERM Approved Models

For indoor and outdoor installations, above or below grade.

GREAT BASIN™

Grease Interceptors

		Flow Rate	Certified Grease Capacity	Unit Dimensions L x W x H	Liquid Capacity	Connections	Solids Interceptor	System Solids Capacity*
GB1		20 GPM	15 lbs.	27" x 23" x 12"	10 gal.	2" and 3" plain/ 4" FPT inlet/outlet	Striem AA-X	4 gal.
Indoor installations only. Bolted polypropylene pedestrian rated covers. Triple outlet.								
GB2-2		35 GPM	180 lbs.	35" x 23" x 13¾"	40 gal.	3" and 4" plain/ 4" FPT inlet/outlet	Striem AA-X	4 gal.
Indoor installations only. Bolted polypropylene pedestrian rated covers. Units must be piped in series. Triple outlet.								
GB-75-B		50 GPM	623 lbs.	47" x 33" x 40"	125 gal.	4" plain/ FPT inlet/outlet	Schier SI-50	53 gal.
Pickable cast iron H-20 rated cover. Triple outlet. Certified to ASME A112.14.3 (Type D) - FLOW CONTROL NOT REQUIRED								
							Includes Safety Star® 	
GB-250-B		75 GPM	1,560 lbs.	87" x 33" x 44"	277 gal.	4" plain/ FPT inlet/outlet	Schier SI-75	164 gal.
Pickable cast iron H-20 rated covers. Triple outlet. Certified to ASME A112.14.3 (Type D) - FLOW CONTROL NOT REQUIRED								
							Includes Safety Star® 	
GB-500-B		100 GPM	2,817 lbs.	94¼" x 46" x 49½"	510 gal.	4" plain/ FPT inlet/outlet	Schier SI-75	211 gal.
Pickable cast iron H-20 rated covers. Triple inlet/outlet. Certified to ASME A112.14.3 (Type D) - FLOW CONTROL NOT REQUIRED								
							Includes Safety Star® 	
GB-1000		100/200 GPM	5,272 lbs. 3,127 lbs.	92" x 74" x 71"	1,000 gal.	4" plain (100 GPM)/ 6" plain (200 GPM)/ FPT inlet/outlet	Schier SI-250	473 gal.
Pickable cast iron H-20 rated covers. Straight-through connections only. Certified to ASME A112.14.3 (Type D) - FLOW CONTROL NOT REQUIRED								
							Includes Safety Star® 	
GB-1500		100/200 GPM	9,897 lbs. 8,093 lbs.	92" x 137" x 71"	1,588 gal.	4" plain (100 GPM)/ 6" plain (200 GPM)/ FPT inlet/outlet	Schier SI-500	775 gal.
Pickable cast iron H-20 rated covers. Straight-through connections only. Certified to ASME A112.14.3 (Type D) - FLOW CONTROL NOT REQUIRED								
							Includes Safety Star® 	



All models listed by IAPMO to ASME A112.14.3 and CSA B481.1 and satisfy Miami DERM 99% efficiency requirements.

* **System Solids Capacity** is the combined capacity of the solids interceptor and grease interceptor.

BILLY GOAT™

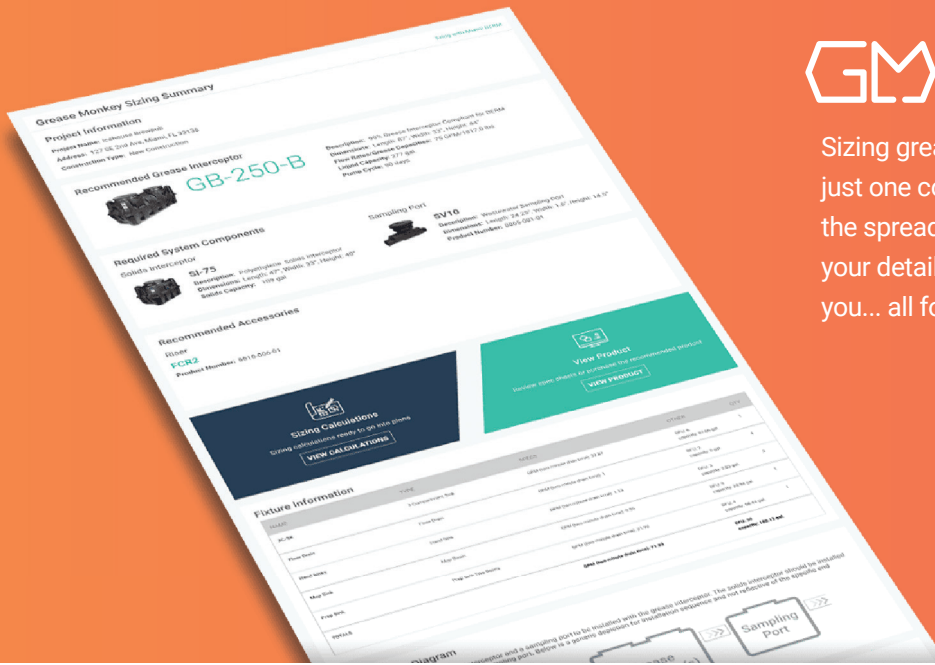
Solids Interceptors

SI-50	SI-75	SI-250	SI-500
			
SOLIDS CAPACITY 53 gal.	109 gal.	262 gal.	457 gal.

SEWER VIEWER™

Sampling Ports

SV10	SV24
	



GM GREASE MONKEY™

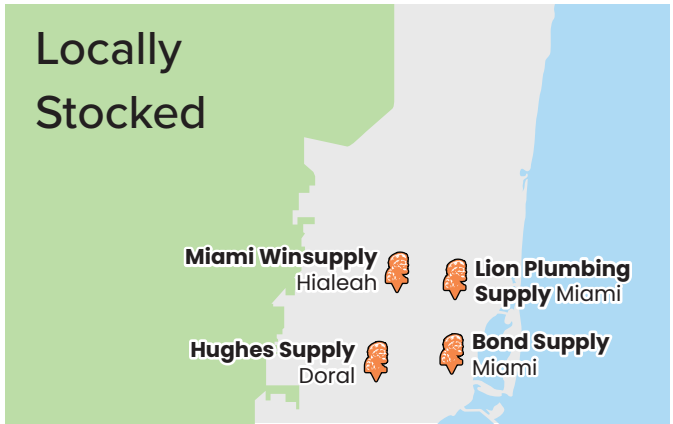
Sizing grease interceptors is important, but it's just one component of your overall project. Put away the spreadsheets and forget the phone tag. Plug in your details and let Grease Monkey do the work for you... all for free.

Configured specifically for Miami DERM requirements.

> Sign-up at greasemonkeysizing.com



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schierproducts.com/miami

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